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(54) CSMA SYSTEM LOCAL AREA NETWORK

normally transmitted on the transmitting path 1.

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(57) Abstract:

PURPOSE: To confirm that a message packet to be sent by a transmitting station itself is normally transmitted on a transmitting path by returning an ACK packet when the message is normally received by a designated receiving station.

CONSTITUTION: For example, when the message packet is sent to stations 3 and 4 by a station 2 and the ACK packet is received from the receiving station 3, an ACK packet transmitting means 112 of the station 3 sends the ACK packet, which stores the number of the transmitting station, the number of the receiving station itself and ACK information to show the reception of the message, on a transmitting path 1 according to the instruction of a broadcast deciding means 113 and a responding station deciding means 114. Thus, when the transmitting station 2 receives the transmitted ACK packet, it can be confirmed that the message packet to be transmitted by the station 2 itself is nor-

